



State of Vermont

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Department of Environmental Conservation
State Geologist
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AGENCY OF NATURAL RESOURCES Department of Environmental Conservation

Waste Management Division
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November 5, 1996

DAN STROUT
DAN'S AUTOMOTIVE
P.O. BOX 249
WEST BURKE, VT, 05871

RE: Petroleum contamination at Dan's Automotive
(Site #96-2074)

Dear Mr. Strout:

The Sites Management Section (SMS) has received a site assessment report outlining the subsurface conditions for the above referenced site, submitted by Jefferson Hoffer of Hoffer and Associates on September 3, 1996. This report summarizes the degree and extent of contamination encountered during the assessment. The tanks removed were a two (2) 1,000 gallon, steel, gasoline underground storage tanks (UST)s.

Following the tank pull, soils screened at 3.5 feet below ground surface (fbgs) had a peak volatile organic compound (VOC) concentration of 170 parts per million (ppm) as measured by a photoionization detector (PID). Continued excavation revealed weathered bedrock at 8.0 fbgs. Groundwater was encountered directly overlying the bedrock unit. Petroleum product associated sheens were observed floating on the groundwater entering the excavation. A bedrock supply well located 25 to 30 feet upgradient was sampled for BTEX and MTBE compounds, and the analytical results indicated no detection. A total of 25 cubic yards of petroleum contaminated soils measuring over 40 ppm were stockpiled and polyencapsulated on-site.

Based on the above information, the SMS determined that additional work is necessary at the site in order to determine the severity of the contamination present. Due to the possibility of contaminant impact to nearby receptors, the SMS is requesting that Dan Strout retain the services of a qualified environmental consultant to perform the following:

1. Further define the degree and extent of contamination to the soil. This may be accomplished by obtaining soil borings, digging test pits, performing a soil gas survey or another method approved by the SMS.

2. Determine the degree and extent of contamination to groundwater. Since evidence of contamination to groundwater was found, a sufficient number of monitoring wells should be installed in locations which will adequately define the severity of contamination at the site. All groundwater samples collected should be analyzed for BTEX and MTBE compounds.

3. Perform an assessment of the site to determine the potential for sensitive receptors to be impacted by the contamination. This should include basements of adjacent buildings, nearby surface water, and any public or private drinking water wells which are located within the vicinity of the site. If any water supplies appear to be at risk from this contamination, they should be sampled and analyzed for BTEX and MTBE compounds.

4. Determine the need for a long term treatment and/or monitoring plan which addresses the contamination present at the site. The need for such a plan should be based on the results of the above investigation.

5. Develop a plan to treat and/or monitor the 25 cubic yards of stockpiled soils. The soils must remain located in an area such that they have a low potential to impact nearby receptors. They must also remain properly encapsulated in plastic. If the soils are moved off-site, the SMS or the UST Program must grant written approval prior to their transport. This work is not covered by the Petroleum Cleanup Fund, since the excavated soils were neither removed with the written approval of the SMS in response to a corrective action plan, nor removed in conjunction with the installation of replacement USTs. Additionally, the full extent of the soil contamination was not removed with adequate supporting documentation.

6. Submit to the SMS a summary report which outlines the work performed, as well as provides conclusions and recommendations. Included should be analytical data, a site map showing any potential sensitive receptors and the stockpiled soils, an area map, and if monitoring wells are installed, detailed well logs and a groundwater contour map.

Please have your consultant submit a preliminary work plan and cost estimate or a site investigation expressway notification form within fifteen days of your receipt of this letter so that it may be approved prior to the initiation of onsite work. Enclosed please find a list of consultants who perform this type of work in the area as well as the brochure "Selecting Your UST Cleanup Contractor", which will help you in choosing an environmental consultant.

Based on the current information available, the USTs at

Dan's Automotive are covered by the Petroleum Cleanup Fund (PCF) as set forth in 10 V.S.A. § 1941. An owner or permittee of a UST that does not hold private insurance coverage applicable to this situation, is eligible for reimbursement from the PCF for certain expenses. A written proof of no insurance must be submitted before the PCF can be utilized for reimbursement. An owner or permittee of an UST, who is not in significant violation of his or her permit, is eligible for reimbursement from the PCF. The owner or permittee must pay for the removal or repair of the UST and the first \$10,000 of the cleanup; there after the PCF will reimburse the owner or permittee for additional eligible cleanup costs up to \$1,000,000. All expenditures must be pre-approved by the Agency or performed in accordance with the "Site Investigation Guidance" expressway program for reimbursement to occur. Please refer to the attached guidance document "Procedures for Reimbursement from the Petroleum Cleanup Fund" for further information on this program. Additionally, the Secretary of the Agency of Natural Resources reserves the right to seek cost recovery of fund monies spent at the Dan's Automotive site if the Secretary concludes that Dan Strout is in significant violation of the Vermont Underground Storage Tank Regulations and/or the Underground Storage Tank statute (10 V.S.A., Chapter 59). If you have any questions, please feel free to contact me at (802) 241-3876.

Sincerely,



Chuck Schwer, Supervisor
Sites Management Section

cc: Sutton Selectboard
Sutton Health Officer
DEC Regional Office
Jefferson Hoffer, Hoffer and Associates
CS:AS/SMS/962074